

Claims

1. Traction mechanism drive, especially belt drive, comprising an integrated generator with a traction mechanism roller, which is arranged on a generator shaft, on which the traction mechanism is guided, and which is mounted in a displaceable manner in order to set the traction mechanism in tension counter to a restoring force, characterized in that the traction mechanism roller (4) is decouplable from the generator shaft (12) via a freewheel (11) for damping peak loads appearing on a drive side.

2. Traction mechanism drive according to claim 1, characterized in that the generator (3) is a starter generator.

3. Traction mechanism drive according to claim 1 or 2, characterized in that the generator (3), especially the starter generator, is mounted in a displaceable manner by a hydraulic element (5).

4. Traction mechanism drive according to claim 1 or 2, characterized in that the generator (3), especially the starter generator, is set in tension or compression by a mechanical spring element, optionally with an integrated or separate damping device.